

GenCore version 5.1.6	GenCore	Sequence 15619, A
Copyright (c) 1993 - 2005 Compugen Ltd.		Sequence 69, App1
nucleic - nucleic search, using sw model		Sequence 78617, A
on on:	April 1, 2005, 11:52:00 ;	Sequence 14550, A
Search time 652 Seconds	(without alignments)	Sequence 202, App
6228.252 Million cell updates/sec		Sequence 212, App
title: US-10-751-612-1		Sequence 160, App
refct score: 3016		Sequence 172, App
quence: 1 tttagccataggattgtatccatgg 3016		Sequence 8328, App
oring table: IDENTITY NUC		Sequence 36665, A
Gapct 10.0 , Gapext 1.0		Sequence 53583, A
arched: 5915009 seqs, 673212896 residues		Sequence 31184, A
total number of hits satisfying chosen parameters:	11830018	Sequence 508, App
		Sequence 735, App
		Sequence 381, App

Maximum DB Seq length: 0
Maximum DB length: 2000000000
st-processing: Minimum Match 0%
Listing first 45 summaries

Pending Patents NA New: *

Database : Pending Patents NA New: *

1: /cgn2_6/_pctodata/7/pna/_pctc_new_comb.seq:/*
2: /cgn2_6/_pctodata/2/pna/_us06_new_comb.seq:/*
3: /cgn2_6/_pctodata/2/pna/_us07_new_comb.seq:/*
4: /cgn2_6/_pctodata/2/pna/_us08_new_comb.seq:/*
5: /cgn2_6/_pctodata/2/pna/_us09_new_comb.seq:/*
6: /cgn2_6/_pctodata/2/pna/_us10_new_comb.seq:/*
7: /cgn2_6/_pctodata/2/pna/_us10_new_comb.seq2:/*
8: /cgn2_6/_pctodata/2/pna/_us11_new_comb.seq:/*
9: /cgn2_6/_pctodata/2/pna/_us60_new_comb.seq:/*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	43.4	1.4	12093	7	US-10-517-441-782 Sequence 782, APP
2	43.4	1.4	3201	6	US-10-517-441-655 Sequence 655, APP
3	42.2	1.4	3201	6	US-10-526-108-278 Sequence 278, APP
4	42.2	1.4	5649	7	US-10-517-441-569 Sequence 569, APP
5	41.2	1.4	3201	6	US-10-526-108-260 Sequence 260, APP
6	41.2	1.4	5649	7	US-10-517-441-295 Sequence 295, APP
7	40.8	1.4	837	9	US-60-655-875-45247 Sequence 45247, A
8	40.6	1.3	2240	7	US-10-517-441-542 Sequence 542, APP
9	40.2	1.3	21561	8	US-11-033-545-641 Sequence 641, APP
10	40.2	1.3	152768	9	US-11-033-545-797 Sequence 797, APP
11	40.2	1.3	152768	9	US-60-655-875-442 Sequence 442, APP
12	39.6	1.3	465	9	US-60-655-875-35913 Sequence 32933, A
13	39.4	1.3	651	9	US-60-655-875-78273 Sequence 78223, A
14	39.4	1.3	1340	9	US-60-655-875-40611 Sequence 40611, A
15	39.4	1.3	1397	9	US-60-655-875-5996 Sequence 5996, A
16	39.4	1.3	1870	9	US-60-655-875-5998 Sequence 5998, APP
17	39.4	1.3	2215	9	US-60-655-875-25420 Sequence 25420, A
18	39.4	1.3	2838	9	US-60-655-875-14257 Sequence 14257, A
19	39.4	1.3	12610	7	US-10-517-441-715 Sequence 715, APP
20	39	1.3	2240	7	US-10-517-441-268 Sequence 268, APP
21	38.8	1.3	1247	6	US-10-499-065A-123 Sequence 123, APP
22	38.8	1.3	1785	6	US-10-499-065A-124 Sequence 124, APP
23	38.8	1.3	2501	6	US-10-526-108-211 Sequence 211, APP
24	38.8	1.3	2501	6	US-10-499-065A-125 Sequence 125, APP

RESULT 1
US-10-517-441-782 Application US/10517441
Sequence 782, Application US/10517441
GENERAL INFORMATION:
; APPLICANT: FOEKENS, John
; APPLICANT: HAREBECK, Nadia
; APPLICANT: KOENIG, Thomas
; APPLICANT: MAIER, Sabine
; APPLICANT: MARTENS, John
; APPLICANT: MODEL, Fabian
; APPLICANT: NIMRICH, Inko
; APPLICANT: RUGAN, Tamas
; APPLICANT: SCHMITT, Armin
; APPLICANT: SCHMITT, Manfred
; APPLICANT: LOOR, Maxime P.
; APPLICANT: MARK, Almuth
; APPLICANT: HOEBLER, Heinz
TITLE OF INVENTION: Method and nucleic acids for the improved treatment of haemolytic disorders
FILE REFERENCE: 47675-93
CURRENT APPLICATION NUMBER: US/10/517-441
CURRENT FILING DATE: 2004-12-11
PRIOR APPLICATION NUMBER: PCT/EP2003/010881
PRIOR FILING DATE: 2003-10-01
PRIOR APPLICATION NUMBER: DE 10317955.0
PRIOR FILING DATE: 2003-04-17
PRIOR APPLICATION NUMBER: DE 10300096.8
PRIOR FILING DATE: 2003-01-07
PRIOR APPLICATION NUMBER: DE 10245779.4
PRIOR FILING DATE: 2002-10-01
NUMBER OF SEQ ID NOS: 2147
SEQ ID NO 782
LENGTH: 4001
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-517-441-782
Query Match 1.4%; Score 43.4%; DB 7; Length 4001;
Best Local Similarity 52.5%; Pred. No. 0; 27%;
Matches 95; Conservative 0; Mismatches 86; Indels 0; Gaps 0;
Ov 1219 GAGGTGATCATTTCTGAACTGTTAAATTGACTTTAGTTGTT 1277
Db 802 GTGGAATTTTTGGAGGGCTGGATTAGTTAGTTATTGTTATTGTTATTG 861

RESULT 3
 US-10-516-108-278/C
 Sequence 278, Application US/10526108
 ; GENERAL INFORMATION:
 ; TITLE OF INVENTION: METHOD AND NUCLEIC ACIDS FOR THE ANALYSIS OF BREAST CELL
 ; APPLICANT: Maier, Sabine
 ; FILE REFERENCE: 47675-102
 ; CURRENT APPLICATION NUMBER: US/10/526,108
 ; CURRENT FILING DATE: 2005-02-28
 ; PRIORITY NUMBER: DE10255104.9
 ; PRIORITY FILING DATE: 2003-07-18
 ; PRIORITY APPLICATION NUMBER: PCT/EP2003/007827
 ; PRIORITY FILING DATE: 2002-11-26
 ; PRIORITY APPLICATION NUMBER: DE10239313.3
 ; PRIORITY FILING DATE: 2002-08-27
 ; NUMBER OF SEQ ID NOS: 396
 SEQ ID NO: 278
 / LENGTH: 3201
 / TYPE: DNA
 / ORGANISM: Artificial Sequence
 / FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 US-10-526-108-278

Query Match Score 42.2; DB 6; Length 3201;
 Best Local Similarity 55.0%; Pred. No. 0.52;
 Matches 83; Conservative 0; Mismatches 68; Indels 0; Gaps 0;

Qy 2023 TAAATATATATCTGAGCTAACGTGAGAGAGCTATTTTTGGTCCCCATAC 2082
 Db 468 TAATAAAACCTTAAACACAAACAAACACTATAATTAACCTCAAATAC 409
 Qy 2083 ATGATGATACTAAATGAGGAAAAAAATATGATAAAAGAACCTTACATGCCGCCA 2142
 Db 408 AATATAAATAAAATAAAACAAAACAAAATTAATCTACATATACTCACTTA 349
 Qy 2143 TACATATGAGATTCTCATCTAAGACCCAA 2173
 Db 348 AATATAAAATATCTACAAACAAACCA 318

RESULT 4
 US-10-517-441-569/C
 Sequence 569, Application US/10517441
 ; GENERAL INFORMATION:
 ; APPLICANT: FOEKENS, John
 ; APPLICANT: HARBECK, Nadia
 ; APPLICANT: KOENIG, Thomas
 ; APPLICANT: MAIER, Sabine
 ; APPLICANT: MARTENS, John
 ; APPLICANT: MODEL, Fabian
 ; APPLICANT: NIMMRICH, Inko
 ; APPLICANT: RUIJAN, Tamas
 ; APPLICANT: SCHMITT, Armin
 ; APPLICANT: SCHMITT, Manfred
 ; APPLICANT: LOOK, Maxime P.
 ; APPLICANT: MARX, Almut
 ; APPLICANT: HOSFLER, Heinz
 ; TITLE OF INVENTION: Method and nucleic acids for the improved treatment of breast cell
 ; TITLE OF INVENTION: proliferative disorders
 ; FILE REFERENCE: 47675-93
 ; CURRENT APPLICATION NUMBER: US/10/517,441
 ; CURRENT FILING DATE: 2004-12-11
 ; PRIORITY NUMBER: PCT/EP2003/010881
 ; PRIORITY FILING DATE: 2003-10-01
 ; PRIORITY APPLICATION NUMBER: DE 10317955.0
 ; PRIORITY APPLICATION NUMBER: DE 10300096.8
 ; PRIORITY FILING DATE: 2003-01-07
 ; PRIORITY APPLICATION NUMBER: DE 10245779.4
 ; PRIORITY FILING DATE: 2002-10-01
 ; NUMBER OF SEQ ID NOS: 2147
 ; SEQ ID NO: 655
 ; LENGTH: 12963
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 US-10-517-441-569
 Query Match Score 43.4; DB 7; Length 12963;
 Best Local Similarity 52.5%; Pred. No. 0.44%; Mismatches 86; Indels 0; Gaps 0;
 Matches 95; Conservative 0; Mismatches 86; Indels 0; Gaps 0;

Qy 1219 GAGGTGATCTTCTGACGTGATTGAGTTAAATGACTTTAGTTGTT 1278
 Db 801 GTGGATTTTTGGGGGGGGTTAGTTAGTTAGTTAGTTGTTATTATG 860
 Qy 1279 GAGCTGAACTGCTGAACTATGAAATTGATGATGTTGAGCTACTCCGGTC 1338
 Db 861 GGGAGTGTGGGAGAAGGTGGGGTGGACTTGGTTCAAGGATAGTGTG 920
 Qy 1339 TACATTAGTGGTATCATATAATTATCATATAATTGATCAACTTGAGA 1398
 Db 921 GAGTTAATGGTGGTTAAAGCTTATATGAGGAAGTATAGGAGATTGT 980
 Qy 1399 T 1399
 Db 981 T 982

RESULT 2
 US-10-517-441-655
 Sequence 655, Application US/10517441
 ; GENERAL INFORMATION:
 ; APPLICANT: FOEKENS, John
 ; APPLICANT: HARBECK, Nadia
 ; APPLICANT: KOENIG, Thomas
 ; APPLICANT: MAIER, Sabine
 ; APPLICANT: MARTENS, John
 ; APPLICANT: MODEL, Fabian
 ; APPLICANT: NIMMRICH, Inko
 ; APPLICANT: RUIJAN, Tamas
 ; APPLICANT: SCHMITT, Armin
 ; APPLICANT: SCHMITT, Manfred
 ; APPLICANT: LOOK, Maxime P.
 ; APPLICANT: MARX, Almut
 ; APPLICANT: HOSFLER, Heinz
 ; TITLE OF INVENTION: Method and nucleic acids for the improved treatment of breast cell
 ; TITLE OF INVENTION: proliferative disorders
 ; FILE REFERENCE: 47675-93
 ; CURRENT APPLICATION NUMBER: US/10/517,441
 ; CURRENT FILING DATE: 2004-12-11
 ; PRIORITY NUMBER: PCT/EP2003/010881
 ; PRIORITY FILING DATE: 2003-10-01
 ; PRIORITY APPLICATION NUMBER: DE 10317955.0
 ; PRIORITY FILING DATE: 2003-04-17
 ; PRIORITY APPLICATION NUMBER: DE 10300096.8
 ; PRIORITY FILING DATE: 2003-01-07
 ; PRIORITY APPLICATION NUMBER: DE 10245779.4
 ; NUMBER OF SEQ ID NOS: 2147
 ; SEQ ID NO: 655
 ; LENGTH: 12963
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 US-10-517-441-655
 Query Match Score 42.2; DB 6; Length 3201;
 Best Local Similarity 55.0%; Pred. No. 0.52%; Mismatches 68; Indels 0; Gaps 0;
 Matches 83; Conservative 0; Mismatches 68; Indels 0; Gaps 0;

Qy 2023 TAAATATATCTGAGCTAACGTGAGAGAGCTATTTTTGGTCCCCATAC 2082
 Db 468 TAATAAAACCTTAAACACAAACAAACACTATAATTAACCTCAAATAC 409
 Qy 2083 ATGATGATACTAAATGAGGAAAAAAATATGATAAAAGAACCTTACATGCCGCCA 2142
 Db 408 AATATAAATAAAATAAAACAAAACAAAATTAATCTACATATACTCACTTA 349
 Qy 2143 TACATATGAGATTCTCATCTAAGACCCAA 2173
 Db 348 AATATAAAATATCTACAAACAAACCA 318

RESULT 1
 US-10-517-441-569/C
 Sequence 569, Application US/10517441
 ; GENERAL INFORMATION:
 ; APPLICANT: FOEKENS, John
 ; APPLICANT: HARBECK, Nadia
 ; APPLICANT: KOENIG, Thomas
 ; APPLICANT: MAIER, Sabine
 ; APPLICANT: MARTENS, John
 ; APPLICANT: MODEL, Fabian
 ; APPLICANT: NIMMRICH, Inko
 ; APPLICANT: RUIJAN, Tamas
 ; APPLICANT: SCHMITT, Armin
 ; APPLICANT: SCHMITT, Manfred
 ; APPLICANT: LOOK, Maxime P.
 ; APPLICANT: MARX, Almut
 ; APPLICANT: HOSFLER, Heinz
 ; TITLE OF INVENTION: Method and nucleic acids for the improved treatment of breast cell
 ; TITLE OF INVENTION: proliferative disorders
 ; FILE REFERENCE: 47675-93
 ; CURRENT APPLICATION NUMBER: PCT/EP2003/010881
 ; PRIORITY NUMBER: DE 10317955.0
 ; PRIORITY FILING DATE: 2003-10-01
 ; PRIORITY APPLICATION NUMBER: DE 10300096.8
 ; PRIORITY FILING DATE: 2003-04-17
 ; PRIORITY APPLICATION NUMBER: DE 10300096.8
 ; PRIORITY FILING DATE: 2003-01-07
 ; PRIORITY APPLICATION NUMBER: DE 10245779.4
 ; NUMBER OF SEQ ID NOS: 2147
 ; SEQ ID NO: 655
 ; LENGTH: 12963
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 US-10-517-441-569
 Query Match Score 42.2; DB 6; Length 3201;
 Best Local Similarity 55.0%; Pred. No. 0.52%; Mismatches 68; Indels 0; Gaps 0;
 Matches 83; Conservative 0; Mismatches 68; Indels 0; Gaps 0;

; ORGANISM: Heterodera Glycines
us-60-655-875-45247

Query Match 1.4%; Score 40.8; DB 9; Length 837;
Best Local Similarity 50.0%; Pred. No. 0.71;
Matches 102; Conservative 0; Mismatches 102; Indels 0; Gaps 0;

Qy 1223 ATGACTATTTCTAACCGTATTCGGTAAATGTACTTTAGTCTTGAAC 1282
Db 461 ATGAACTTTAGAAAATTAAAGGATTTAAATTGTTGGGTCAAATA 402

Qy 1283 ATGAAAGGTCTGAACATGTGATTATGATGTTATGCTGAGCTAC 1342
Db 401 ATGTTTCTCTCTTAAATTATGTTAAATGAAATTAAATTAAAT 342

Qy 1343 TTAGTTGGTATCATAAATTATTTATGATCACTTGAGTCT 1402
Db 341 TTATTTTTATGCTAAATAATGGCTTCAATTGACTTAAATGATT 282

Qy 1403 TTGACTCTCAAGATTCTGGAAT 1426
Db 281 TTATATTTAAAGTTTATT 258

RESULT 9
US-10-517-441-542

; Sequence 542, Application US/10517441
; GENERAL INFORMATION:
; APPLICANT: FOEKENS, John
; APPLICANT: HARBECK, Nadia
; APPLICANT: KOENIG, Thomas
; APPLICANT: MAIER, Sabine
; APPLICANT: MARTENS, John
; APPLICANT: MODEL, Fabian
; APPLICANT: NIMMRICH, Inko
; APPLICANT: RUFAN, Tamas
; APPLICANT: SCHMITT, Armin
; APPLICANT: SCHMITT, Manfred
; APPLICANT: LOOK, Maxime P.
; APPLICANT: MARX, Almuth
; APPLICANT: HOEFLER, Heinz

; TITLE OF INVENTION: Method and nucleic acids for the improved treatment of breast cell
; TITLE OF INVENTION: proliferative disorders
; FILE REFERENCE: 47675-93

; CURRENT APPLICATION NUMBER: US/10/517,441
; CURRENT FILING DATE: 2004-12-11
; PRIOR FILING DATE: 2003-10-01
; PRIOR APPLICATION NUMBER: DE 10317955.0
; PRIOR FILING DATE: 2003-04-17
; PRIOR FILING DATE: 2003-01-07
; PRIOR APPLICATION NUMBER: DE 10245779.4
; PRIOR FILING DATE: 2002-10-01
; NUMBER OF SEQ ID NOS: 2147
; SEQ ID NO 542
; LENGTH: 2240
; TYPE: DNA
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

US-10-517-441-542

Query Match 1.3%; Score 40.6; DB 7; Length 2240;
Best Local Similarity 48.5%; Pred. No. 1.2;
Matches 142; Conservative 0; Mismatches 149; Indels 2; Gaps 1;

Qy 1098 TATTTGTTCAAAATTCTACTCTCACAAAGCTAGCTTTAGACGGCATAAAGCT 1157
Db 289 TATTTTATTATTTATAATGTTAAAGTGTGTTGGTTGGTTAAAGTAAAGCT 348

Qy 1158 ATCATGTCGACCGGACGTTAAATTAACTTACCATATGAAATATGTCGAAC 1217

Db 349 GTTAATTAAGTAAAGTGTATTATTTATAGTATTATTTAGTTAGTGTAA 408
Qy 1218 TGAGGATGATACTTTCTGAACAGTGAUTGCGTGAAGTTAAATTGACTTTAGTGT 1277
Db 409 ATGTGTCATAATTATAAGCTTAAATGTTTGAGGTCATTTTTTAAAT 468

Qy 1278 TGAGGATGAAAGTCTGACTATGAAATTATGATGT- ATTGTTGGCTTGTGAGCTACTCCG 1335
Db 469 TTTTAACTATTATTTTAAATTAAAGTTTATATTTTTAAATTGTTATGTTTATT 528

Qy 1336 CTCTACATTAGTGGTATCATAAATTATGATATAAAATTGAT 1388
Db 529 ATTATATTGTTTGTAGATAAATTAAATTGTAATTTGTATTGTT 581

RESULT 10
US-11-033-545-641/c

; Sequence 641, Application US/11033545
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/11/033,545
; CURRENT FILING DATE: 2005-01-12
; PRIOR APPLICATION NUMBER: 60/231,401
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 10823
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 641
; LENGTH: 21561
; TYPE: DNA
; ORGANISM: Human
US-11-033-545-641

Query Match 1.3%; Score 40.2; DB 8; Length 21561;
Best Local Similarity 47.8%; Pred. No. 4;
Matches 117; Conservative 0; Mismatches 128; Indels 0; Gaps 0;

Qy 1176 TTAAATTAACTTACCATGAAATCATGCAACTATGAGATGATCTTCT 1235
Db 2565 TTATATGTTATATAATATAATTTGTTATATTTATATAATAATA 2506

Qy 1236 GACGTGATTGCGTGAATTAAATTGACTTTGTTGAGCATGAAAGCTGAA 1295
Db 2505 ATATATAATTATGTTATATGTTATATAATATAATATAATATA 2446

Qy 1296 CTATGAAATTGATGTTATTGCTGCGTCTGAGCTACCTTGTGTTGAGCT 1355
Db 2445 TTATATGTTATATAATATAATATAATATAATATAATATA 2386

Qy 1356 ATAAATATTATATAATTATGATCAACTGAGATGCTTGAATCTCAG 1415
Db 2385 ATATATAATTGTTATATGTTATATAATATAATATAATATA 2326

Qy 1416 ATTCT 1420
Db 2325 ATTAT 2321

RESULT 11
US-11-033-545-797/c

; Sequence 797, Application US/11033545
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
; FILE REFERENCE: CL000790
; CURRENT APPLICATION NUMBER: US/11/033,545
; CURRENT FILING DATE: 2005-01-12
; PRIOR APPLICATION NUMBER: 60/231,401

Db	824	GAAGGAATGGATAAAATTGAAACAAAATTGGCACATATCCGAAAAA 883
Qy	2444	CCAAAATAAAGACTTAATGCAATGGCTC 2476
Db	884	ATATTATGATGGATTAAAGAATTGGCTC 916

Search completed: April 1, 2005, 14:50:22
Job time : 665 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using BW mode!

Run on: April 1, 2005, 11:52:02 ; Search time 11110 Seconds
 Perfect score: 3016 (without alignments)
 Sequence: 1 tcttagccatggccatgtta.....gggtatgtcaagtccatgg 3016

Title: US-10-751-612-1

Scoring table: IDENTITY_NUC Gapext 1.0

Searched: 45554873 seqs, 20411521753 residues

Total number of hits satisfying chosen parameters: 91109746

Post-processing: Minimum Match 0%
 Maximum Match 100%

Listing first 45 summaries

Database	1 Pending Patents NA Main:*	2 /cgn2_6/pctodata/1/pna/PICTUS1 COMB. seq:*	3 /cgn2_6/pctodata/1/pna/PICTUS2 COMB. seq:*	4 /cgn2_6/pctodata/1/pna/US06 COMB. seq:*	5 /cgn2_6/pctodata/1/pna/US07 COMB. seq:*	6 /cgn2_6/pctodata/1/pna/US08 COMB. seq:*	7 /cgn2_6/pctodata/1/pna/US081 COMB. seq:*	8 /cgn2_6/pctodata/1/pna/US082 COMB. seq:*	9 /cgn2_6/pctodata/1/pna/US083 COMB. seq:*	10 /cgn2_6/pctodata/1/pna/US084 COMB. seq:*	11 /cgn2_6/pctodata/1/pna/US085 COMB. seq:*	12 /cgn2_6/pctodata/1/pna/US086 COMB. seq:*	13 /cgn2_6/pctodata/1/pna/US087 COMB. seq:*	14 /cgn2_6/pctodata/1/pna/US088 COMB. seq:*	15 /cgn2_6/pctodata/1/pna/US089 COMB. seq:*	16 /cgn2_6/pctodata/1/pna/US090 COMB. seq:*	17 /cgn2_6/pctodata/1/pna/US091 COMB. seq:*	18 /cgn2_6/pctodata/1/pna/US092A COMB. seq:*	19 /cgn2_6/pctodata/1/pna/US092B COMB. seq:*	20 /cgn2_6/pctodata/1/pna/US093A COMB. seq:*	21 /cgn2_6/pctodata/1/pna/US093B COMB. seq:*	22 /cgn2_6/pctodata/1/pna/US094 COMB. seq:*	23 /cgn2_6/pctodata/1/pna/US095A COMB. seq:*	24 /cgn2_6/pctodata/1/pna/US095B COMB. seq:*	25 /cgn2_6/pctodata/1/pna/US095C COMB. seq:*	26 /cgn2_6/pctodata/1/pna/US095D COMB. seq:*	27 /cgn2_6/pctodata/1/pna/US096A COMB. seq:*	28 /cgn2_6/pctodata/1/pna/US096B COMB. seq:*	29 /cgn2_6/pctodata/1/pna/US096C COMB. seq:*	30 /cgn2_6/pctodata/1/pna/US096D COMB. seq:*	31 /cgn2_6/pctodata/1/pna/US096E COMB. seq:*	32 /cgn2_6/pctodata/1/pna/US097A COMB. seq:*	33 /cgn2_6/pctodata/1/pna/US097B COMB. seq:*	34 /cgn2_6/pctodata/1/pna/US097C COMB. seq:*	35 /cgn2_6/pctodata/1/pna/US098A COMB. seq:*	36 /cgn2_6/pctodata/1/pna/US098B COMB. seq:*	37 /cgn2_6/pctodata/1/pna/US098C COMB. seq:*	38 /cgn2_6/pctodata/1/pna/US098D COMB. seq:*	39 /cgn2_6/pctodata/1/pna/US099A COMB. seq:*	40 /cgn2_6/pctodata/1/pna/US099B COMB. seq:*	41 /cgn2_6/pctodata/1/pna/US099C COMB. seq:*	42 /cgn2_6/pctodata/1/pna/US099D COMB. seq:*	43 /cgn2_6/pctodata/1/pna/US099E COMB. seq:*																													
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Result No.	Score	% Des		
		Query Match	Length	DB ID
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118:	/cgn2_6/podata/1/prna/[US6048_COMB_seq:*			
119:	/cgn2_6/podata/1/prna/[US6049_COMB_seq:*			
120:	/cgn2_6/podata/1/prna/[US6050_COMB_seq:*			
121:	/cgn2_6/podata/1/prna/[US6051_COMB_seq:*			
122:	/cgn2_6/podata/1/prna/[US6052_COMB_seq:*			
123:	/cgn2_6/podata/1/prna/[US6053_COMB_seq:*			
124:	/cgn2_6/podata/1/prna/[US6054_COMB_seq:*			
125:	/cgn2_6/podata/1/prna/[US6055_COMB_seq:*			
126:	/cgn2_6/podata/1/prna/[US6056_COMB_seq:*			
127:	/cgn2_6/podata/1/prna/[US6057_COMB_seq:*			
128:	/cgn2_6/podata/1/prna/[US6058_COMB_seq:*			
129:	/cgn2_6/podata/1/prna/[US6059_COMB_seq:*			

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RESULT 1
PCT-US04-00113-1
Sequence 1, Application PC/TUS04000113
GENERAL INFORMATION:
APPLICANT: THE TEXAS A&M UNIVERSITY SYSTEM
TITLE OF INVENTION: AND USES THEREOF IN THE
PUBLICATION OF THE INVENTION: PCT/US04/00113
PUBLICATION NUMBER: 01755.0893
CURRENT APPLICATION NUMBER: PCT/US04/00113
CURRENT FILING DATE: 2004-01-05
PRIOR APPLICATION NUMBER: 60/437,890
PRIOR FILING DATE: 2003-01-03
NUMBER OF SEQ ID NOS: 1
SOFTWARE: FastSEQ For Windows Version 4.0
SEQ ID NO: 1
LENGTH: 3016
TYPE: DNA
ORGANISM: Sugarcane
FEATURE:
NAME/KEY: promoter
LOCATION: (1)...(3012)
OTHER INFORMATION: o-methyltransferase protein
FEATURE:
NAME/KEY: CAAT signal
LOCATION: (2651)...(2664)
FEATURE:
NAME/KEY: TATA signal
LOCATION: (2849)...(2855)
PCT-US04-00113-1

Query Match Score 301
Best Local Similarity 100.0%
Matches 3016; Conservative 0; Mismatch 0
PCT-US04-00113-1
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1 TCTAGAGCATAGGCATTTGATAAAAGCGGTATTC
61 ACCTTAGGTATCCGTGCTTCATAGATTTC
61 ACCTTAGGTATCCGTGCTTCATAGATTTC
121 TTGTAGCGGGTTTCATGCAAAATAAGTTAG
121 TTGTAGCGGGTTTCATGCAAAATAAGTTAG
181 TTTCGAATAATATTGATAGACAAACAA
181 TTTCGAATAATATTGATAGACAAACAA
241 TTGCAATTCTTACTCTATTGTACTGTACTGTGCG
241 TTGCAATTCTTACTCTATTGTACTGTACTGTGCG
301 TGTTGAAATGTGAAACACGGGAGGTAT
301 TGTTGAAATGTGAAACACGGGAGGTAT
361 GGCCTCCATGAGTTAGCCCTGTCAGGGATCG
361 GGCCTCCATGAGTTAGCCCTGTCAGGGATCG
421 TCGTAGGGCATGGAGACTGTGAGATTC
421 TCGTAGGGCATGGAGACTGTGAGATTC
481 AGAATGCTAGTCTAATGATACCTTCGCT

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ATTACHMENT

Qy	601	TGAACTGGAGACGGTTCCGTGGACGGCTCCGGTCTCTGTAGCGTACGGCTGGCG	660
Db	601	TGAACTGGAGACGGTTCCGTGGACGGCTCCGGTCTCTGTAGCGTACGGCTGGCG	660
Qy	661	GAGAAAAGTGTAGGGCTTATCTTAAAGGGAAACGAATTGGATGGTGGACACCTGTTGGCA	720
Db	661	GAGAAAAGTGTAGGGCTTATCTTAAAGGGAAACGAATTGGATGGTGGACACCTGTTGGCA	720
Qy	721	GACACGGAGGACATGGGAGGGCAACAGCTTCAAGGGTCTCAGACCTCA	780
Db	721	GACACGGAGGACATGGGAGGGCAACAGCTTCAAGGGTCTCAGACCTCA	780
Qy	781	GAAGAAGAAGAACCTCAGGACGGGTTGGCTGGCTGCTGCTGCTGCTGCTG	840
Db	781	GAAGAAGAAGAACCTCAGGACGGGTTGGCTGGCTGCTGCTGCTGCTGCTG	840
Qy	841	CAGTTTCTGTGATCAGCTTAAATGGACCCACAGGGTCAAGCTCGG	900
Db	841	CAGTTTCTGTGATCAGCTTAAATGGACCCACAGGGTCAAGCTCGG	900
Qy	901	CCACTCCCTTCGGAGCCATGAGCAGCTGGTGGTCCCTTCCTGTGGC	960
Db	901	CCACTCCCTTCGGAGCCATGAGCAGCTGGTGGTCCCTTCCTGTGGC	960
Qy	961	CGTGCACCCCTCTGCGTCAACCGGACCCCTGAAACCATTAGAACGCTTACAGGG	1020
Db	961	CGTGCACCCCTCTGCGTCAACCGGACCCCTGAAACCATTAGAACGCTTACAGGG	1020
Qy	1021	GAAGGGCAACACTCTGATAACCTCTCGTCTTCCATCGCTCTAACCGGAAACGCCAC	1080
Db	1021	GAAGGGCAACACTCTGATAACCTCTCGTCTTCCATCGCTCTAACCGGAAACGCCAC	1080
Qy	1081	GCACAAACTAGAGCTTATGTTGCGAAATTCTACAAAGCTAGCTTTAT	1140
Db	1081	GCACAAACTAGAGCTTATGTTGCGAAATTCTACAAAGCTAGCTTTAT	1140
Qy	1141	AGACGGGCAATAAGGTATCATGTCGTTCAAACTTAACTTAACTCATATG	1200
Db	1141	AGACGGGCAATAAGGTATCATGTCGTTCAAACTTAACTTAACTCATATG	1200
Qy	1201	AATATCATGTCGACTATGGATGACATTCTGACGTTATGGCTGTTTAA	1260
Db	1201	AATATCATGTCGACTATGGATGACATTCTGACGTTATGGCTGTTTAA	1260
Qy	1261	TGTGACTTTAGTGTGATGAGGTCTGAACTATGGCTGTTAACTCATATA	1320
Db	1261	TGTGACTTTAGTGTGATGAGGTCTGAACTATGGCTGTTAACTCATATA	1320
Qy	1381	AATTGTCAACTTGGATGCTGACTCTGACGTTGAGCTGGATTTGTTGG	1440
Db	1381	AATTGTCAACTTGGATGCTGACTCTGACGTTGAGCTGGATTTGTTGG	1440
Qy	1441	CTTGGGGAGTAACTTCTAAGGCCAGTCACTTGGCTGACTATGGTTTCAAGATGCTG	1500
Db	1441	CTTGGGGAGTAACTTCTAAGGCCAGTCACTTGGCTGACTATGGTTTCAAGATGCTG	1500
Qy	1501	TAATAAGTGTAGTGTGACACCCATTGATGAGAGAGATGATAAGGTTTCATGGGAG	1560
Db	1501	TAATAAGTGTAGTGTGACACCCATTGATGAGAGAGATGATAAGGTTTCATGGGAG	1560
Qy	1561	TAGAGAGAGTTCTGGGATGAAACTCTCACTGTTCAAGCTGTTCAATATAGCTTGG	1620
Db	1561	TAGAGAGAGTTCTGGGATGAAACTCTCACTGTTCAAGCTGTTCAATATAGCTTGG	1620
Qy	1621	GTAAGAGGGCATGAAATCTTAGTGTGACATGACCTAGCTTCAAGCTTGGACTA	1680
Db	1621	GTAAGAGGGCATGAAATCTTAGTGTGACATGACCTAGCTTCAAGCTTGGACTA	1680
Qy	1761	ATAACTTTCTCAAGTTGAGCTACTCTTGTGAACTCTTGTGAACTCTTGTGAA	2820

Db	1261	TGTACTTTAGTTGTTGCGCTCATTTAGTTGTTGCGCTAAGCTGAGCTGACTATGAAATTATGTTGCGC	1320
Qy	1321	TTCGAGCTACTCGCTCATTTAGTTGTTGCGCTAAGCTGAGCTGACTATGAAATTATGTTGCGC	1380
Db	1321	TTCGAGCTACTCGCTCATTTAGTTGTTGCGCTAAGCTGAGCTGACTATGAAATTATGTTGCGC	1380
Qy	1381	AATTGATCACTGAGATGCTTGACTCTCAGATTGTTGAAATGACTATGTTG	1440
Db	1381	AATTGATCACTGAGATGCTTGACTCTCAGATTGTTGAAATGACTATGTTG	1440
Qy	1441	GGTAGGGTAGGTAGGTTCTAAGCCAGCTGAGTTCAAGTTGAGCTATGGACAT	1500
Db	1441	GGTAGGGTAGGTAGGTTCTAAGCCAGCTGAGTTCAAGTTGAGCTATGGACAT	1500
Qy	1501	TAATAAGCTGATGATGACRCGATTGAGCTGAGATGAAATGCTAGTGGTTCAAGTTGAGCTATGGAG	1560
Db	1501	TAATAAGCTGATGATGACRCGATTGAGCTGAGATGAAATGCTAGTGGTTCAAGTTGAGCTATGGAG	1560
Qy	1561	TAGAGAGTTTATGGATTAATATAGATGCGAT	1620
Db	1561	TAGAGAGTTTATGGATTAATATAGATGCGAT	1620
Qy	1621	GTAAGGGCATGAAATCTCTAGTGAAGCTGAGCTATGGACAT	1680
Db	1621	GTAAGGGCATGAAATCTCTAGTGAAGCTGAGCTATGGACAT	1680
Qy	1681	TGTTTCAAATCTGCGATGCGATGCTTGAATTGTAACCTCACATTAACTCCCTC	1740
Db	1681	TGTTTCAAATCTGCGATGCGATGCTTGAATTGTAACCTCACATTAACTCCCTC	1740
Qy	1741	ACCATGATGCAACGGGGGTGCGCAAAAGAATTGAGATGACATGAA	1800
Db	1741	ACCATGATGCAACGGGGGTGCGCAAAAGAATTGAGATGACATGAA	1800
Qy	1801	TAGTAAATAGCTTGTGTTCACTACCGCGCTTAATGCTCGACAGAAAACAGTCGCT	1860
Db	1801	TAGTAAATAGCTTGTGTTCACTACCGCGCTTAATGCTCGACAGAAAACAGTCGCT	1860
Qy	1861	AGTCAGGTGCTAACAAACTGGGTTCACATGAAACAGTTCATGCCCTAGAA	1920
Db	1861	AGTCAGGTGCTAACAAACTGGGTTCACATGAAACAGTTCATGCCCTAGAA	1920
Qy	1921	CGCCCTGAGGGATTAGTACAACCTCAATATCTAGGCCCTCAATATTGTCAG	1980
Db	1921	CGCCCTGAGGGATTAGTACAACCTCAATATCTAGGCCCTCAATATTGTCAG	1980
Qy	1981	CTCTAAACTGTTTATGTCAGCTGAGGGCTAAAAATAATCTTCAG	2040
Db	1981	CTCTAAACTGTTTATGTCAGCTGAGGGCTAAAAATAATCTTCAG	2040
Qy	2041	CTAACGTTGAGGAGAGCTTATTTTGTCCCCAATACATGATAGATAATATGA	2100
Db	2041	CTAACGTTGAGGAGAGCTTATTTTGTCCCCAATACATGATAGATAATATGA	2100
Qy	2101	GAGAAAMATAATGAAAGAACACTTACATGCCAGCATACAAATGATTCT	2160
Db	2101	GAGAAAMATAATGAAAGAACACTTACATGCCAGCATACAAATGATTCT	2160
Qy	2161	CTAAGGSCCAACCTGACTGCTTGTAACTGAGCTTGTGCGATCTT	2220
Db	2161	CTAAGGSCCAACCTGACTGCTTGTAACTGAGCTTGTGCGATCTT	2220
Qy	2221	TAGTGTGTTAGTGTAGCTGAGCTTGTAACTGAGCTTGTGCGATCTT	2280
Db	2221	TAGTGTGTTAGTGTAGCTGAGCTTGTAACTGAGCTTGTGCGATCTT	2280
Qy	2281	TTTGGCTGCAAGTGTGAAACACTCAAGTAACTGAGCTTGTGCGATCTT	2340
Db	2281	TTTGGCTGCAAGTGTGAAACACTCAAGTAACTGAGCTTGTGCGATCTT	2340
Qy	2341	CAAATAAGATAGATTAGCTAACTGAGCTTGTGAAACACTCAAGTAACTGAGCTTGTGCGATCTT	2400
Db	2341	CAAATAAGATAGATTAGCTAACTGAGCTTGTGAAACACTCAAGTAACTGAGCTTGTGCGATCTT	2400

RESULT 7

PCT-US99-05985-8/c

Sequence 8, Application PC/TUSS905985A

GENERAL INFORMATION:

APPLICANT: Albert, Henrik H.

APPLICANT: Wei, Hairong

TITLE OF INVENTION: PLANT PROMOTER SEQUENCES AND METHODS OF USE THEREOF

FILE REFERENCE: UH-03648

CURRENT APPLICATION NUMBER: PCT/US99/05985A

CURRENT FILING DATE: 1999-03-18

NUMBER OF SEQ ID NOS: 12

SEQUENCE ID NO: 8

LENGTH: 5174

TYPE: DNA; Saccharum Hybrid Cultivar H32-8560

PCT-US99-05985-8

Query Match 3.9%; Score 118.6; DB 1; Length 5174;

Best Local Similarity 86.0%; Pred. No. 3.7e-19;

Matches 166; Conservative 0; Mismatches 24; Indels 3; Gaps 3;

Qy 1451 AGTTTCTAAGGCCAGTCTCAGTGGGTTTCATCAGGTTTCATGCCATTAAATAAGCT 1510

Db 1914 AGTTTCTGAGGCCGCTCAGT-GATTTCATCAGGTTTCATGCCATTAAATAAGCT 1856

Qy 1511 GATGGAACCGTATTGAGAGAGATAAGAGTTCATGGAGTAGAGAGT 1570

Db 1855 GATGTCGCAACCGTATTGAGAGAGATAAGAGTTTCATGGAGTAGAGAGT 1796

Qy 1571 TTCAAGGAGATAACTCTTCTCAAAATAT-AGATCCATTGGTAGAGGG 1628

Db 1795 TTCAAGGAGATAACTCTTCTCAAAATAT-AGATCCATTGGTAGAGGG 1736

Qy 1629 GCCATGAATCTC 1641

Db 1735 GCCATAAATCCC 1723

RESULT 8

US-10-767-701-11451/c

Sequence 11451, Application US/10767701

GENERAL INFORMATION:

APPLICANT: Kovalic, David K.

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with PLANTS AND USES THEREOF

FILE REFERENCE: 38-21(53535)B

CURRENT APPLICATION NUMBER: US/10/767,701

CURRENT FILING DATE: 2004-01-29

NUMBER OF SEQ ID NOS: 63128

LENGTH: 1346

TYPE: DNA

ORGANISM: Sorghum bicolor

FEATURE: OTHER INFORMATION: Clone ID: SORBI-28MAY03-CLUS3954_1

Query Match 3.3%; Score 100.8; DB 62; Length 1346;

Best Local Similarity 70.2%; Pred. No. 9.4e-15;

Matches 160; Conservative 0; Mismatches 47; Indels 21; Gaps 1;

SEQ ID NO: 11451

LENGTH: 398

RESULT 9

US-09-850-147-6517/c

Sequence 6517, Application US/09850147

GENERAL INFORMATION:

APPLICANT: Andersen, Scott E.

APPLICANT: Edgeton, Michael D.

TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With PLANTS

FILE REFERENCE: 38-21(51914)B

CURRENT APPLICATION NUMBER: US/09/850,147

CURRENT FILING DATE: 2001-05-08

PRIOR APPLICATION NUMBER: US 60/202,213

PRIOR FILING DATE: 2000-05-08

PRIOR APPLICATION NUMBER: US 09/654,617

PRIOR FILING DATE: 2000-09-05

PRIOR APPLICATION NUMBER: US 09/684,016

PRIOR FILING DATE: 2000-10-10

NUMBER OF SEQ ID NOS: 18014

SEQ ID NO: 6517

LENGTH: 398

TYPE: DNA

ORGANISM: Sorghum bicolor

OTHER INFORMATION: Clone ID: LIB347-B-007-P1-K1-B12

US-09-850-147-6517

Query Match 3.2%; Score 96.4; DB 36;

Best Local Similarity 79.4%; Pred. No. 7.5e-14;

Matches 127; Conservative 0; Mismatches 31; Indels 2; Gaps 1;

Qy 1449 GTAGGTTCATGGCCAGTCAGTGGGTTTCATCAGGTTTCATGGACATTAATAAG 1508

Db 158 GGAGGATAACAGTGCCTGTAGGCACTCTCAATTAACTTAATAAT 99

Qy 1509 CTGATGTGACACCGTATTGAGAGAGATGATAAGAGTTCTGCGTAGAGAGA 1568

Db 98 CTGA-TGGCACCGTATTGAGAGATGATAAGAGTTCTGCGTAGAGAGA 41

Qy 1569 GTTTCATGGGATGAACCTCTTCACTGTTCCAAT 1608

Db 40 GTTTCATGGGATGAACCTCTTCACTGTTCCAAT 1

RESULT 10

US-10-767-701-18110/c

Sequence 18110, Application US/10767701

GENERAL INFORMATION:

APPLICANT: Zhou, Yihua

APPLICANT: Cao, Yongwei

APPLICANT: Kovalic, David K.

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With PLANTS AND USES THEREOF For Plant Improvement

FILE REFERENCE: 38-21(53535)B

CURRENT APPLICATION NUMBER: US/10/767,701

CURRENT FILING DATE: 2004-01-29

NUMBER OF SEQ ID NOS: 63128

SEQ ID NO: 18110

LENGTH: 398

Query Match 3.3%; Score 100.8; DB 62; Length 1346;

Best Local Similarity 70.2%; Pred. No. 9.4e-15;

Matches 160; Conservative 0; Mismatches 47; Indels 21; Gaps 1;

SEQ ID NO: 18110

LENGTH: 398

FEATURE:
 OTHER INFORMATION: Clone ID: SORBI-28MAY03-CLUS4887_1
 us-10-767-701-10015

Query Match 3.0%; Score 89.4; DB 62; Length 1318;
 Best Local Similarity 80.2%; Pred. No. 9.4e-12;
 Matches 105; Conservative 0; Mismatches 26; Indels 0; Gaps 0;
 Qy 1456 TCTAAGGCCAGTCTCAGTGGGTTTCATCAGACTTCATGGACATAAAGCTGATGT 1515
 Db 1188 TCTTAGCCTGCTCAATGAGTTCAATTCTGACATAAATGTTATGT 1247
 Qy 1516 GACACCGTATTGATGAGAAGAGATATAAGAGTTCTAGGAGACTTCAT 1575
 Db 1248 TGCATGTTATTGAGAGAGATATAAGAGTTCTAGGAGAGACTTCAT 1307
 Qy 1576 GGGGATGAAAC 1586
 Db 1308 CATCATAAAC 1318

RESULT 15

US-10-425-115-42192
 Sequence 42192, Application US/10425115
 GENERAL INFORMATION:
 APPLICANT: La Rosa, Thomas J.
 APPLICANT: Kovalic, David K.
 APPLICANT: Zhou, Yihua
 APPLICANT: Cao, Yongwei
 TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
 TITLE OF INVENTION: Plants
 FILE REFERENCE: 38-21 (53222) B
 CURRENT APPLICATION NUMBER: US/10/425-115
 CURRENT FILING DATE: 2003-04-28
 NUMBER OF SEQ ID NOS: 369326
 SEQ ID NO 4 2192
 LENGTH: 2032
 TYPE: DNA
 ORGANISM: Zea mays

FEATURE:
 OTHER INFORMATION: Clone ID: MRT4577_138478C.1
 us-10-425-115-42192

Query Match 3.0%; Score 89.4; DB 54; Length 2032;
 Best Local Similarity 68.9%; Pred. No. 1.2e-11;
 Matches 151; Conservative 0; Mismatches 66; Indels 2; Gaps 2;
 Qy 1457 CTAAAGGCCAGTCTCAGTGG-GGTTCTAGGTTCTAGGACATAAATGATGT 1515
 Db 498 CTAGACTGTTCTGTTCTGAGGTTCTAGGAGGATATGGCATTAAATGATGT 557
 Qy 1516 GACACCGTATTGAGAAGAGATATAAGAGTTCTAGGAGAGTTCTAG 1575
 Db 558 GGATATTAACTACGAGAAGATAAGTAAAGTTATGAAATGAGTCCAC 617
 Qy 1576 GGG-GATGAAACCTCTTCACTGTTCCAAAATATGATGATGGAGGGCATG 1634
 Db 618 GGGCGATGAAACCTATGCACTGCTTCAGATGGAGCTGGAAACATTGACATA 677
 Qy 1635 AAATCTCTAGTCAACTGCACTGCAAGATGAGATGGACTCT 1673
 Db 678 AAATCCCCACTGAAACTGGCTTAATAAAGCTTAATCT 716

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